

IPTV Users Guide



THE FUTURE NOW SHOWING



THE FUTURE NOW SHOWING

exclusively on IPTV

IPTV is TV different than anything you have seen before. It isn't cable...it's better. IPTV offers more channels, more features and more choices. Watch what you want – sports, movies, news, cartoons, drama, comedies – anything you can imagine is there. Watch when you want – with features like auto tune, video on demand and digital video recording. Watch how you want – DVD quality video and sound. So sit back, relax and enjoy the future.

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Remote Control Layout

ADB "RC2" Remote Control

STB

Send commands to the set top box

TV

Send commands to the TV

AV

Choose between your TV's different connections

Mute

Toggles audio on/off

VOL +/-

Adjust the volume; in Guide jumps listings 24 hours ahead/back

CC

Toggles closed captions on or off

MENU

Display the Menu Bar

Direction Buttons

Move the highlight in system screens

OK

Enter a choice you have made

BACK

Return to the previous menu

Function Buttons

Reserved

DVD

Send commands to the DVD player

SETUP

Used to program your remote control

SHIFT

Used to program your remote control

Power

Turn a selected device on or off

Number Pad

Enter a channel number or PIN

Keyboard

Displays an on-screen keyboard

CH +/- PG +/-

Change the channel; in Guide jumps listing one screen ahead/back

INFO

Display the Info Bar

GUIDE

Displays Guide

EXIT

Exits current screen

Playback Controls

Control playback of Video On Demand

Record

Begin recording using PVR



Remote Control Basics

Turn You Set Top Box or TV On or Off

The device selection buttons tell your remote whether you want to control your set top box or your television.

To turn your set top box on or off, press the **STB** button.

Press the **Power** button on your remote control.

To turn your TV on or off, press the **TV** button.

Press the **Power** button on your remote control.

Note: Your remote control must have the remote code programmed in before it can send the correct signals for your TV. If the list of TV brand codes was not included in your installation pack, please contact your service provider.

If pressing **Power** turned the wrong device on or off, press the **Power** button again, press the appropriate device selection button (**STB** or **TV**) and press **Power** once more.

Change Channels

The **CH +/-** button will change channels up or down one at a time.

The **Number Pad** can be used to directly enter a channel number.

Guide will display Guide and you can find a program you like. If the program is on now, you tune to the channel showing it. If not, you can set a scheduled event to remind you when it does come on. If your set top box supports PVR, you can schedule a recording for the program.

For more information on Guide, see page 12.

For more information on setting reminders, see page 14.

For more information on recordings, see page 14.

Adjust Volume (when controlling TV)

The **VOL+/-** button will adjust the volume gradually.

The **Mute** button will toggle the sound on and off.

System Buttons

There are a number of buttons on your remote that display different features of your service.

MENU displays the MenuBar. The MenuBar provides quick access to every

feature supported by your service.

For more information about the MenuBar, see pg 10.

INFO displays the InfoBar, a feature that lets you see info on what you're watching, what's coming on next, and what's on other channels.

For more information on the InfoBar, see pg 6.

EXIT causes your set top box to exit whatever screen you are seeing and return you to normal TV viewing. If you ever get lost on a screen, it is always safe to press **EXIT** and then start over again.

Note: The new Potenza ST remote control may become available soon. This remote operates and functions similarly to the ADB "RC2" remote control. More information may follow at a later date.

How To Use This Book

Layout

Instructions are paired with screen shots to illustrate the process and provide confirmation of what you should see on your TV.

On-screen text, such as screen titles, messages and options are shown in **Deep Blue Bold Type**.

Buttons on the remote control are represented by a graphic of that button, or **Red Bold Type** when a graphic cannot be shown.

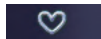
Color-codes and Icons

Program listings are shown in different colors based upon the type of program shown. Icons may also be displayed based on some setting for a particular program.

Icons Used in the Guide

	Standard Channel		Pay Per View Channel
	Pay Per View Program		Standard Program
	Movie		Highlighted Item
	AutoTune Set		Multi-AutoTune Set
	Record Set		Multi-Record Set
	Reminder Set		Multi-Reminder Set
	Locked Recording		Program in HDTV

Icons Used in Info Areas

	Closed Captioned		Dolby Digital Audio
	Secondary Audio		Favorite List In Use
	Live TV		Video on Demand
	Pay Per View		Recording to PVR
	Playing from PVR		
	Playing from PVR (program still being recorded)		
	Blocked by Parental Controls		



1

Channel Name and Number

The name and number of the channel currently listed in the InfoBar.

2

Current Time

3

Favorite List Currently In Use

4

Program Name

5

Program Start Time, End Time and Rating

Includes original release date in Detailed View.

6

Program Synopsis

7

Additional Program Details

This area will indicate details such as if this program is Live TV, Video on Demand, Recorded using PVR, or Blocked. If closed captions, Dolby Digital audio, Secondary Audio Program are available, it will also be shown here. Finally, an HDTV program will be indicated here.

8

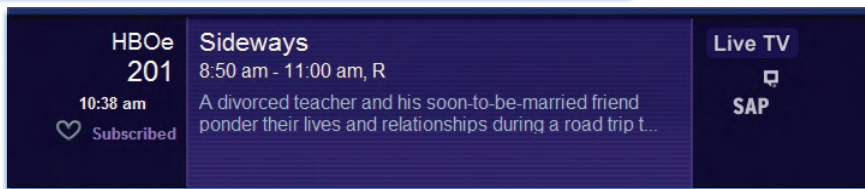
Director and Actor Information

9

Coming Up Next

The start time and title of the next program to be shown on the channel currently listed in the InfoBar.

The InfoBar



Introducing The InfoBar

The InfoBar is the most basic way of finding information about the show you are watching, as well as finding out what comes on later and what is on other channels.

Go To The InfoBar

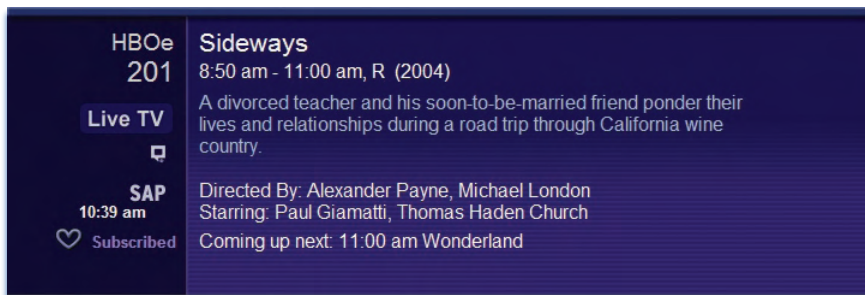
There are three ways to make the basic InfoBar appear.

Press **INFO** on your remote control.

Press the **up or down direction buttons** on your remote control.

The basic InfoBar will also appear any time you change channels, either by using **CH +/-** or entering a channel using the **number pad**.

Once the InfoBar is active, press **INFO** again to display the detailed InfoBar. It adds information on stars, directors and what's next for the channel listed.

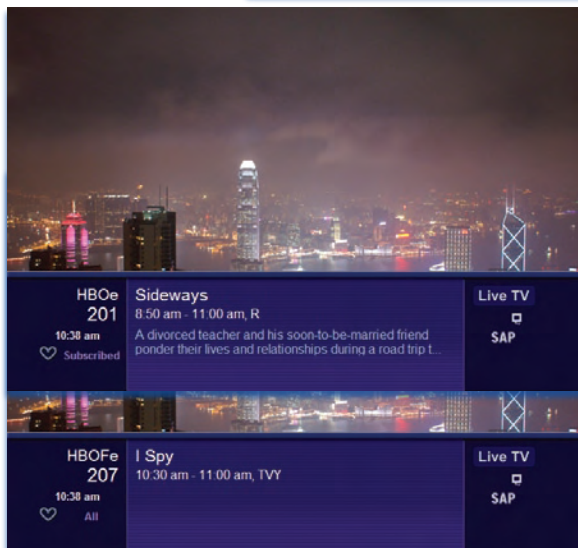


For more information on the layout of the basic and detailed InfoBar, see page 5 "InfoBar Layout".

Using The InfoBar

Step 1: Go To The InfoBar

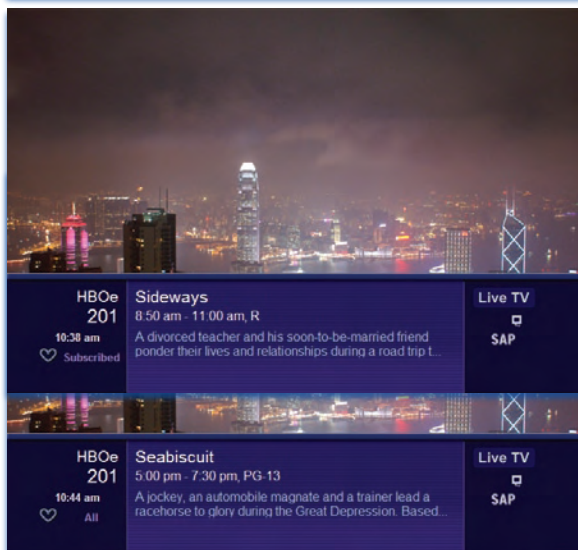
Press **INFO**, the **up or down direction buttons**, or change channels.



Step 2a: See What's On Other Channels

Press the **up or down direction buttons** to scroll the InfoBar through what is showing on other channels without actually changing channels.

If you find something you would rather watch on another channel, press **OK** to tune to that channel.

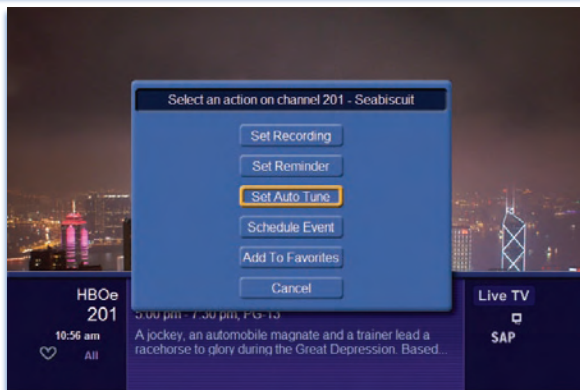


Step 2b: See What's On Later

Press the **right direction button** to scroll through upcoming programs for the channel listed on the InfoBar.

Press the **left direction button** to scroll back towards the current program for the channel listed on the InfoBar.

The InfoBar



Press **OK** to display options to set a reminder, auto tune or recording (if your set top box supports PVR).

For more information on setting reminders, auto tunes and recordings, see page 13.

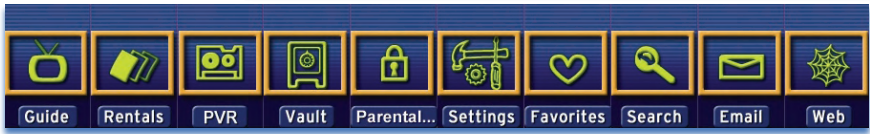
Note: You can combine steps 2a and 2b to see what comes on later on another channel if you like. However, if you plan to do a lot of browsing for programs on other channels or that are coming on later, it is easier to use Guide. For more information on Guide, see page 11.

Exit The InfoBar

The InfoBar will go away on its own after a few seconds of inactivity, or...

Press **EXIT** on your remote control.

If you are in the detailed InfoBar, you can press **INFO** once more to exit the InfoBar.



Note: Parental Controls must first be set up in Settings before the Parental Controls on/off button will appear on the MenuBar.

Introducing The MenuBar

The MenuBar is a quick and easy way to access any feature of your service.

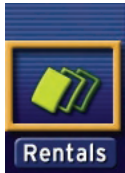
Go To The MenuBar

To display the MenuBar, press **MENU** on your remote control.

Understand The MenuBar



Guide will bring up the program guide. For information on Guide, see page 12.



Rentals provides access to rent Video On Demand movies and programs. For information on Rentals, see page 20.



PVR provides access to programs recorded using PVR, as well as reviewing recordings you have scheduled, create a scheduled recording event, review the history of what you have recorded recently, or delete your recording history. For information on PVR, see page 25.

Note: PVR is only shown when using the ADB 5810 Set Top Box.



Vault provides quick access to Video On Demand, Pay Per View events, Sports Package subscriptions, Reminders you have scheduled, Messages from your service provider, and the Caller ID history. For more information on Vault, see page 41.

The Menu Bar



Parental Controls allows you to temporarily disable or enable all parental controls. For information on Parental Controls, see page 45.



Settings offers access to creating parental controls and setting blocked channels, determining how things appear on screen, creating sub user accounts, reviewing packages offered by your service provider, and reviewing your billing information. For information on Settings, see page 47.



Favorites allows you to chose, edit, create or delete a favorite channel list. For information on Favorites, see page 56.



Search allows you to search program listings or video on demand rentals by title. For information on Search, see page 61.



Web allows you to browse the World Wide Web very much like you would at a computer.

Email allows you to send and receive email very much like you would at a computer. For information on Web and Email, see page 63.

Note: Web and Email may be available at a future date.

Favorite List

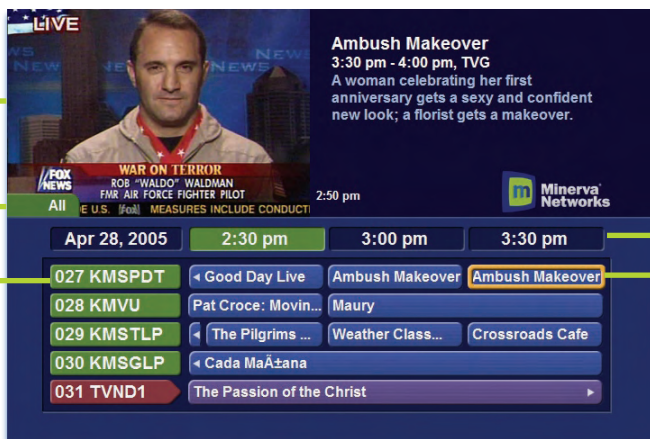
Indicates the favorite list currently in use. When you switch users, Guide's channel lineup will change to reflect that user's preferences.

Info Area

Provides information about the currently highlighted program, including start and end time, rating and a description. Below that is the current time and icons indicating closed captions, Dolby® Digital audio, or other particulars as applicable.

Picture-in-Picture

Allows you to watch TV while you are in Guide.



Highlight

Indicates what program listing is currently in focus.

Program Listings

Shows channel number and abbreviation (currently tuned channel shows a right arrow), and program listings for each channel. Program listings may include icons to indicate a setting or feature for a particular program

Listing Date/Time

Shows the date and time (divided into 30 minute increments) for the programs currently shown in Guide.

Introducing Guide

Guide is the place to quickly find out what's on now and what's playing later. You can set reminders or recordings for upcoming programs in Guide.

Go To Guide

There are two ways to go to Guide.

Press **GUIDE**, or...

Press **MENU**, highlight **Guide**, and press **OK**.

Parts of Guide

A diagram of the Guide screen is shown on page 11 "Guide Layout".

Getting Around Guide

To navigate Guide...

Press the **direction buttons** to move the highlight.

Jump to a channel by entering the channel with the **Number Pad (0-9)**.

Press **up and down direction buttons** to scroll up and down the guide listings.

Note: you can only go back as far as the current day and time.

Press **OK** to choose the program you have highlighted. If it is on now, Guide will tune you to the channel.

Press **OK** or **EXIT** to leave the Guide.

If the program comes on later, you can set a reminder, auto tune or recording (if your set top box supports PVR). These are known as Scheduled Events.

HDTV Programming

Programs available in HDTV will appear in Guide with a bright green **HD** icon  next to the name of the program. In order to watch HD programming, you will need an HDTV-capable set top box and television, and may need to subscribe to an HD channel package. Please contact your service provider for more information.

Introducing Scheduled Events

Scheduled Event is the name for any setting you create that causes the system to remind you about a program or record a program automatically. There are three types of Scheduled Events: Reminders, Auto Tunes and Recordings.

A Reminder tells the system you want it to let you know a program is about to come on. An Auto Tune will automatically change to the correct channel when the program is about to start. A Recording will automatically record the program using PVR.

Note: Your set top box must support PVR to use the Record event.

Set A Reminder, Auto Tune or Recording

Step 1: Pick A Program

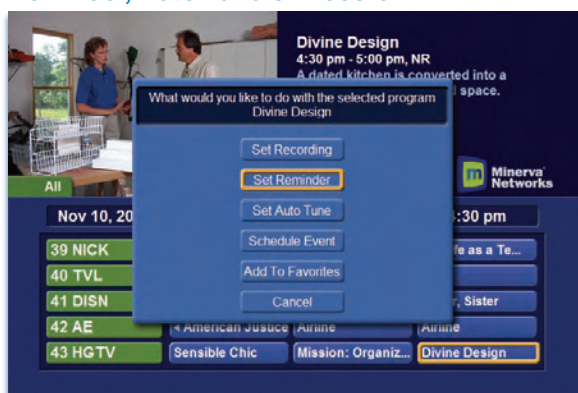


Find the program you don't want to miss. Highlight the program listing and press **OK**.

Note: If you are setting a recording, you can highlight the program listing and press Record instead of OK, then skip steps 2 and 3.

Step 2: Set The

Reminder, Auto Tune or Record



Highlight

Set Recording

or

Set Reminder

or

Set Auto Tune

and press **OK**. You will

then be returned to Guide.

Step 3: Return to Guide

The program listing now shows an icon next to the program's name.



If you have set a reminder the program listing now shows a yellow clock icon next to the program's title.



Reminder



If you have set an Auto Tune the program listing now shows an orange dial icon next to the program's title.



Auto Tune



If you have set a Recording the program listing now shows a red dot icon next to the program title.



Recording

Step 4a: Your Reminder



Program Reminder.
Press info to view
details.

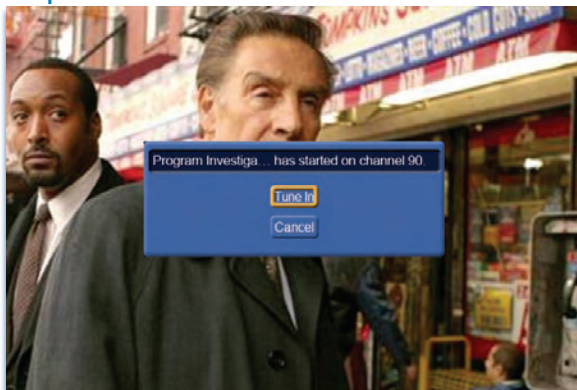
A few minutes before your program comes on, a box will appear on your screen telling you you have a reminder.



Press **INFO** to display the reminder.

Highlight the button showing the program name and press **OK** to tune to that program, or highlight **Cancel** and press **OK** to ignore the reminder.

Step 4b: Your Auto Tune



Just before the program begins, a message will pop up, giving you the option to tune in or cancel. You can choose either option, or just wait, the pop up will go away, and the system will tune you to the correct channel.

Step 4c: Your Recording

If you have set a recording, you don't need to do anything else.

Once your program begins, your set top box will begin recording it for you. When you are ready to watch your recording, you will need to go to the Vault. For more information on the Vault, see page 33.

Set A Multi-Reminder, Multi-Auto Tune or Multi-Recording

A scheduled event that repeats is a “multi-” event.

For example, if you always watch “Friends” every weeknight at 7:00 PM and want to be reminded each time it comes on, create a multi-reminder.

Step 1: Pick A Program

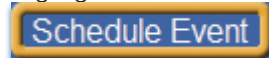


Find the program you don't want to miss. Highlight the program listing and press **OK**.

Step 2: Set The Recording



Highlight



and press **OK**.



The Scheduled Events screen lists all the information about the start and end time, date and the correct channel for your program. If anything is not correct, highlight the incorrect item and press **OK**. Then use the **up and down direction buttons** to enter the correct

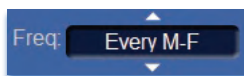
information and press **OK**.

Step 3: Set The Event Type



Highlight the box next to **Type:** and press **OK**. The highlight will become **up and down arrows**. Press the **up and down direction buttons** until you see the event type you want, then press **OK**.

Step 4: Set Event Frequency



Highlight the box next to **Freq**: and press **OK**. The highlight will become **up and down arrows**. Press **up and down** until you see the frequency you want (in this case Every M-F), then press **OK**.

Step 5: Return To Guide

Once you have set the event frequency, highlight **OK** on the Schedule Event screen and press **OK**. You will be returned to Guide.

The program listing now shows an icon next to the program's name.



If you set a multi-reminder the program listing shows a stacked yellow clock icon next to the program's title.



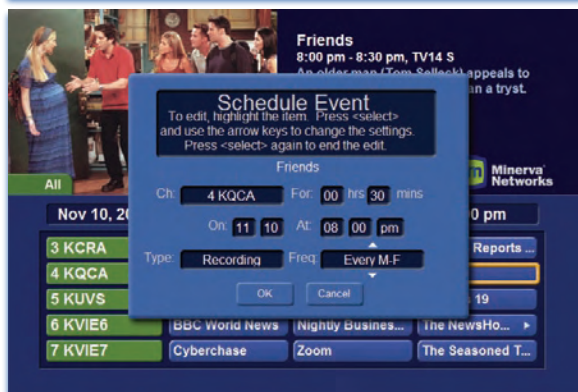
Multi-Reminder



If you set a multi-auto tune the program listing now shows stacked orange dial icons next to the program's title.



Multi-Auto Tune



If you set a multi-recording the program listing now shows stacked red dot icons next to the program's title.



Multi-Recording

Your multi-event will recur as scheduled until you cancel it.

Cancel An Auto Tune, Reminder or Recording

You can cancel any scheduled event you have previously set directly from Guide.

Step 1: Pick The Program



Highlight the program with the scheduled event you want to cancel and press **OK**.

Step 2: Cancel the Scheduled Event



Highlight

Cancel Auto Tune

or

Cancel Reminder

or

Cancel Recording

(depending on the type of event you are cancelling) and press

OK.

Step 3: Return to Guide

After you press **OK**, you will be returned to Guide.

The program listing will no longer display the event icon.

For more information on cancelling events, see Vault page 35.

Guide and Favorite Lists



While in Guide, you can cycle through your Favorites lists by pressing **GUIDE** repeatedly. Each press will activate the next Favorites list.

The name of the active Favorites list is shown on the green tab in the picture-in-picture area. This causes Guide to only display the channels included on that Favorites list.

Pressing **GUIDE** once you have cycled through all Favorites lists will exit Guide.

Guide & Pay Per View

Introducing Pay Per View

Pay Per View allows you to watch exclusive sporting events and other content in the privacy of your home with no long lines, big crowds, expensive concessions and seats in the “nose bleed” section.

Note: Pay Per View may be available at a future date.

Go To Pay Per View

Pay Per View channels are listed in Guide in red.

Pay Per View movies are listed in purple. Other Pay Per View programs are in blue.

Buy Pay Per View

Step 1: Pick The Program



Highlight the Pay Per View program you want to buy and press **OK**.

Step 2: Buy PPV



Highlight

Buy PPV
and press **OK**.

Step 3: Confirm Your Purchase

Highlight the box next to **Enter PIN** and enter your Pay Per View PIN using the **Number Pad (0-9)**. For more information on PINs, see Settings page 51.



If you want to allow any other user accounts to be able to watch this Pay Per View, highlight the check box next to **Share PPV** and press **OK**.

For more information on user accounts, see Settings pg 47.

Finally, highlight the

Buy button and press **OK**.

Step 4: Watch Your Pay Per View



Once you have completed your purchase, you will see that the channel name and number are now white instead of dimmed to indicate you have purchased a Pay Per View program on this channel.

At this point you can watch your pay per view just as you would any other program if it is currently playing.

If you purchased your pay per view program in advance, you can schedule an auto tune or reminder event so that you don't miss it.

For more information on setting reminders, see Guide page 13.

For more information on setting auto tunes, see Guide page 13.

Rentals

Introducing Rentals and VOD (Video On Demand)

Rentals provides access to VOD (Video On Demand) movies and programs. It's like renting from the local video rental store, only better. You can choose from the most recent movies and older favorites, along with favorite TV shows, music videos and local programming (depending on what your service provider offers).

Unlike pay per view which only allows you to watch the program once at the scheduled time, VOD allows you to determine when you want to watch, and watch as often as you want during the rental period. You can even pause, rewind or fast forward just like a videotape or DVD. Rental prices are comparable to prices at your local video store, and some programs may even be free!

VOD Rentals are the ultimate in convenience and entertainment in your home! No more hassles with video rental stores.

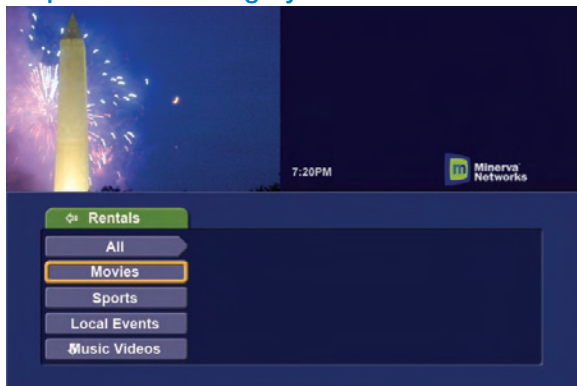
Go To Rentals

Press **MENU**, highlight **Rentals** and press **OK**.

Browse Rentals

VOD Rentals are grouped into categories and sub-categories to make finding what you want very easy.

Step 1: Pick A Category



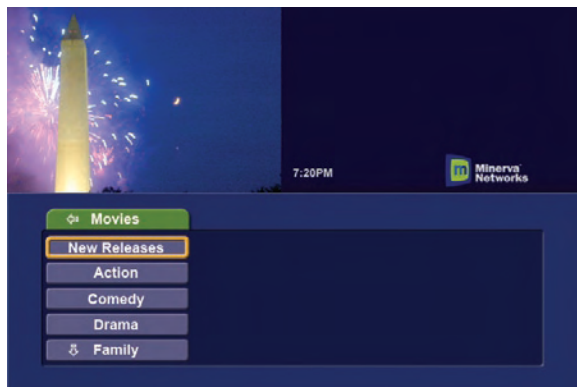
The bottom left of your screen lists the main Rental categories.

Highlight a main category and press **OK**.

Step 2: Pick A Sub-Category

The main categories are replaced by a list of sub-categories.

Highlight a sub-category and press **OK**.



If you want to go back and pick a different main category, press the **left arrow button** to return to the main categories.

Step 3: Browse The Rentals



When you choose a sub-category, a list of all available VOD Rentals for that category are shown to the right.

Highlighting a VOD Rental will list information for that Rental in the upper right portion of the screen.

Watch A Rentals Trailer

Most VOD movies offer a trailer for that movie. The trailer is the same one shown in TV ads or in theaters prior to the movie's theatrical release.

Step 1: Pick A Rental

Follow Steps 1-3 for "Browse Rentals" to find a VOD Rental in which you are interested. Press **OK**.

Rentals

Step 2: Play The Trailer



If a trailer is available for the VOD Rental you have selected, highlight **Play Trailer** and press **OK**.

If the Play Trailer option is not shown, there is no trailer available for this VOD Rental.

Note: For more information on

controlling playback of VOD Rentals, see Controlling VOD Rentals pg 28.

Rent A VOD Rental

Step 1: Pick A Rental



Follow Steps 1-3 for “Browse Rentals” to find a VOD Rental in which you are interested. Press **OK**.

Step 2: Rent



Highlight **Rent** and press **OK**.

Step 3: Confirm Your Rental



The confirmation screen appears.

If you want anyone who signs in to your set top box to be able to watch this VOD Rental, highlight the **Share Rentals** check box and press **OK**. If don't want to share this Rental (or if you don't use sign in), leave this blank.

Highlight the text box next to **Enter PIN** and enter your PIN. For more information on PINs, see Settings page 50.

Highlight **Rent** and press **OK** to confirm your VOD Rental, or highlight **Cancel** and press **OK** if you changed your mind.

Watch Your VOD Rental

Once you have completed the Rental process, you will want to watch your VOD Rental. You can play your VOD Rental from Rentals or from Vault.

Note: For information on the Vault, see Vault pg 41.

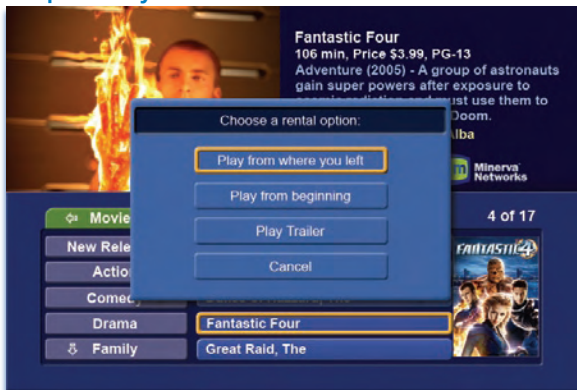
Rentals

Step 1: Pick Your Rental



Highlight your VOD Rental and press **OK**.

Step 2: Play Your Rental



Use the **direction buttons** to highlight **Play from beginning** and press **OK** to start playing at the beginning of the program.

If you have already watched part of the program and want to pick up where you left off, highlight **Play from**

where you left and press **OK**.

Controlling VOD Rentals

While watching VOD Rentals, you can use the Playback Control buttons to pause, rewind, fast-forward or stop playback.



Press **Pause** to halt playback at the current point.



Press **Rewind** or **Fast Fwd** to reverse or advance playback from the

current point. Each time you press Rewind, the rewind speed accelerates from 2x - 4x - 10x - 25x (normal Play speed is 1x).



Press **Play** to resume watching at normal speed.



Press **Stop** to exit playback of the program.

The Slider



Any time you press one of the Playback Control buttons, the Slider is displayed at the top of the screen.

The box to the left indicates the playback function in use.

The box to the right indicates the current point in playback in hours:minutes:seconds.

seconds.

The bar in the middle gives a visual representation of where you are in the program. The lighter section indicates how much of the program has been played.

Introducing PVR

PVR stands for Personal Video Recording (sometimes called DVR or Digital Video Recording). PVR allows you to record programs digitally without the need for tapes or discs.

Your set top box can record many hours of programming, allowing you to watch at your leisure with the capability to rewind, fast forward or pause.

Additionally, if you are recording a program as you watch it, you can pause or rewind the “live” program. Your set top box will continue to record while paused or while you watch a replay, and then pick back up where you left off.

Note: PVR functions are only available with the ADB 5810 Set Top Box. Please contact customer service if you would like to upgrade to PVR.

The PVR Menu Quick Reference

Recordings

Recordings lists programs you have already recorded. Go here to watch, lock or delete these

recorded programs.

To Record

To Record lists all Recording events you have scheduled, and allows you to cancel any future

recording events.

Schedule Event

Schedule Event allows you to create a recording, reminder or auto-tune event for individual or

recurring programs.

Record History

Record History is a log of when recordings start, complete or are cancelled.

Delete History

Delete History logs any deleted recording(s).

Quick Record With PVR

The fastest and easiest way to begin recording using PVR is to use the

Record  button on your remote control.

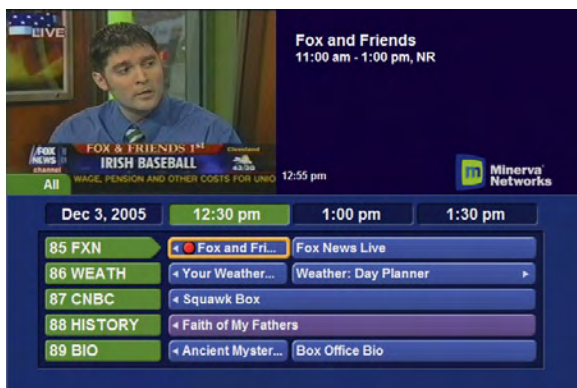
Step 1: Start Recording



While watching a program, press **Record** . Your set top box will immediately begin recording, and the InfoBar will appear with a red Record icon to the right.

Once recording has started, a PVR icon will replace the Record

icon on the InfoBar, indicating you are now watching a program recorded to PVR (even though it may still be recording).



You can also start a quick record in Guide.

Highlight a program you want to record using the **direction buttons** and press **Record** .

If the program is currently on, recording will begin immediately. If the program comes on in the future, a

recording event is scheduled and your set top box will record the program for you automatically. Your TV can even be turned off and recording will take place (but your set top box must stay on.)

Controlling PVR

While watching a recorded program or live TV, you can use the Playback Control buttons to pause, rewind, fast-forward or stop playback.



Press **Pause** to halt playback at the current point.



Press **Rewind** or **Fast Fwd** to reverse or advance playback from the current point. Each time you press Rewind, the rewind speed accelerates from 2x - 4x - 10x - 25x (normal Play speed is 1x).



Press **Play** to resume watching at normal speed.



Press **Stop** to exit playback of the program.

The Slider



Any time you press one of the Playback Control buttons, the Slider is displayed at the top of the screen.

The box to the left indicates the playback function in use.

The box to the right indicates the current point in playback in hours:minutes:seconds.

seconds.

The bar in the middle gives a visual representation of where you are in the program. The lighter section indicates how much of the program has been played.

The PVR Menu

The PVR item on the MenuBar provides access to previously recorded programs, recording events you have set, schedule an event, view your recording history and delete your recording history.

Go To PVR

Press **MENU**, highlight **PVR** and press **OK**.

Go To PVR Recordings



Highlight **Recordings** and press **OK**.

A list of your recorded programs will appear to the right.

Recordings are listed from newest at the top to oldest at the bottom. Along with the program name, the length of the recording in minutes, and the

date the recording is made are listed.

Any program still being recorded is listed with a red dot icon to the right of the recording date.

Watch A PVR-recorded Program

Step 1: Pick A Recording

Highlight the recording you want to watch and press **OK**.

Step 2: Play The Recording



Highlight

Play Recording

and press **OK**.

Step 3: Watch The Recording

You will exit the PVR menu and your recording will begin playing. The InfoBar will appear for a few seconds with a green PVR icon to the right to indicate you are playing a PVR recording.

While watching your recording, you can use any of the PVR Control buttons on your remote just as you would if watching a videotape or DVD.

Step 4: Return To Live TV

When the recording ends, you will be returned to live TV.

If you want to return to live TV before your recording has ended, press **Stop**.

Lock or Unlock A Recording

Locking a recording prevents the system from deleting a program to make space for new recordings.

Step 1: Pick A Recording

Highlight the recording you want to lock and press **OK**.

Step 2a: Lock The Recording



Highlight



and press **OK**.

Once a program is locked, a  appears to the right of the recording date.

Step 2b: Unlock The Recording



If you select a locked program in Step 1, the Lock option will instead be Unlock.

Highlight



and press **OK**.

When the program is unlocked, the padlock icon is removed.

Deleting A Recording

Step 1: Pick A Recording

Highlight the recording you want to delete and press **OK**.

Step 2: Delete The Recording



Highlight



and press **OK**.

Step 3: Confirm Delete



Highlight **Yes** and press **OK** to confirm, or **No** if you changed your mind.

Step 4: Recording Deleted

Once you confirm the deletion, the entry for that recording is removed from the list.

Note: Once a recording has been

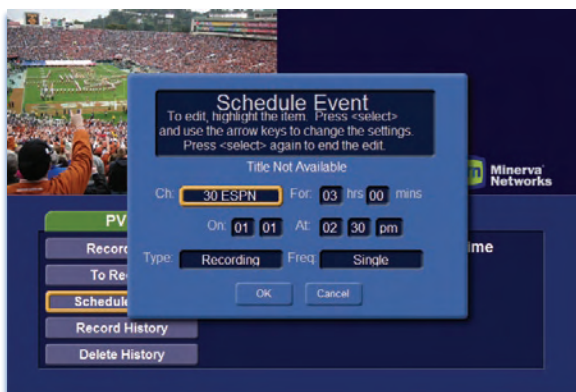
deleted there is no way to get it back. Please take care when deleting recordings.

Review Recording Events

You can easily review and cancel future recording events from To Record.

Go To Recording Events

Highlight **To Record** and press **OK**.



A list of your scheduled future recording events will appear to the right.

Recording events are listed from earliest at the top to latest at the bottom. Each recording event history lists the channel on which the program is shown, the name of the program, and the

date and time it airs.

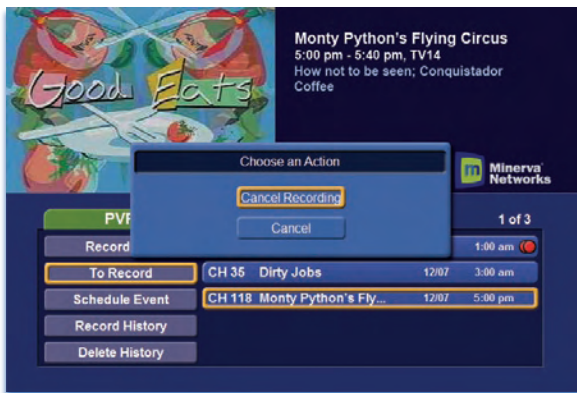
If the recording event is a multi-recording, stacked red dot icons are shown to the right of the program date and time.

Cancel A Recording Event

Step 1: Pick A Recording Event

Highlight the recording event you want to cancel and press **OK**.

Step 2: Cancel The Recording Event



Highlight

Cancel Recording

and press **OK**.

Step 3: Recording Canceled

Once you have cancelled the recording event, the entry for that recording event is removed from the list.

Schedule A Recording (or other) Event

You can schedule a recording, reminder or auto tune event from the PVR menu in almost exactly the same way as you would when choosing Schedule Event from Guide. The only difference when doing so from the PVR menu is that no information about the event is entered for you.

Go To Schedule Event

Highlight **Schedule Event** and press **OK**.

Schedule A Recording, Reminder or Auto Tune Event



Once you choose Schedule Event from the PVR menu, the Schedule Event window appears.

Use the same controls for each setting:

Highlight the setting you want to change and

press **OK**.

Use the **up or down direction buttons** to change the setting.

Press **OK** to enter your change.

Step 1: Set The Channel

Step 2: Set The Program Length (Hours:Minutes)

Step 3: Set The Program Air Date (Month/Day)

Step 4: Set The Start Time (Hour:Minute AM/PM)

Step 5: Set The Event Type (Recording, Reminder, or Auto-Tune).

Step 6: Set Event Frequency

Choose **Single** (the event happens once), **Weekly** (the event happens on the same day every week), **Every M-F** (the event happens every weekday), or **Every Day** (the event happens every day of the week).

Step 7: Set The Event

Highlight **OK** and press **OK** to save your scheduled event, or highlight **Cancel** and press **OK** to exit back to the PVR menu.

Your Recording History

Record History is a log of all events related to your recordings, including recording started, recording completed and cancellation of a recording event.

Delete History is a log of all recordings that have been deleted.

Go To Record History

Highlight **Record History** and press **OK**.

Review Record History



Press **up and down** on the remote to scroll through your record history.

Go To Delete History

Highlight **Delete History** and press **OK**.

Review Delete History

Press **up and down** on the remote to scroll through your deletion history.

Introducing Vault

Vault stores all your purchased programming, a list of your scheduled reminder and auto-tune events, messages from your service provider and Caller ID log.

The Vault Menu

Video

Video provides access to your VOD Rentals you have purchased from Rentals.

Reminders

Reminders lists all reminder and auto-tune events you have created. From here you can cancel a reminder or auto-tune.

Messages

Messages allows you to view any messages from your service provider. Messages may inform you of promotional offers, upcoming pay per view events, service upgrades or billing alerts.

Caller ID

Caller ID offers access to a log of all calls you have received through Caller ID. You can review entries and delete individual entries.

Go To Vault

Press **MENU** on your remote control, highlight **Vault** and press **OK**.

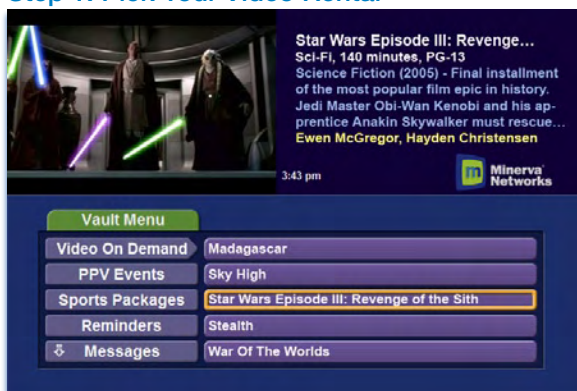
Go To Rented Videos

Highlight **Video** and press **OK**.

A list of your purchased VOD Rentals appears to the right.

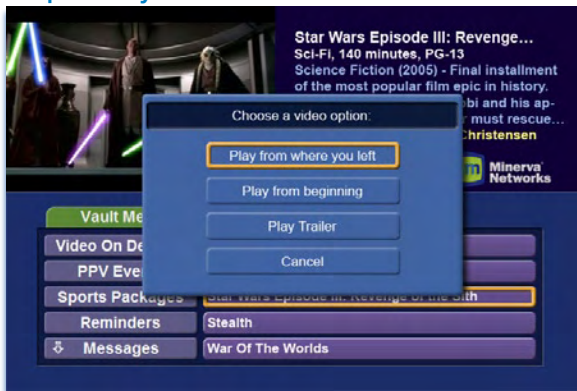
Watch A Rental Video

Step 1: Pick Your Video Rental



Highlight your Video Rental and press **OK**.

Step 2: Play Your Rental



Highlight **Play from beginning** and press **OK** to start playing at the beginning of the program.

If you have already watched part of the program and want to pick up where you left off, highlight **Play from where you left** and press **OK**.

Note: For more information on controlling the playback of Video Rentals, see Controlling VOD Rentals pg 24.

Introducing Reminders

Reminders lists all reminder and auto-tune events you have created. From here you can cancel a reminder or auto-tune

Go To Reminders

Highlight **Reminders** and press **OK**.

A list of your reminders  and auto tunes  appears to the right.

Cancel A Reminder or Auto Tune

Step 1: Pick The Program

Highlight the reminder or auto tune you want to cancel and press **OK**.

Step 2: Cancel the Auto Tune or Reminder



Highlight **Cancel Auto Tune** or **Cancel Reminder** depending on the type of event you are cancelling and press **OK**.

Introducing Messages



Messages allows you to view any messages from your service provider. Messages may inform you of promotional offers, upcoming pay per view events, service upgrades or billing alerts.

Whenever you receive a new message from

your service provider, an alert will appear on your screen informing you of the new message. Press **INFO** on your remote to display the message, or press **EXIT** to ignore the alert and view the message later.

Go To Messages

Highlight **Messages** and press **OK**.

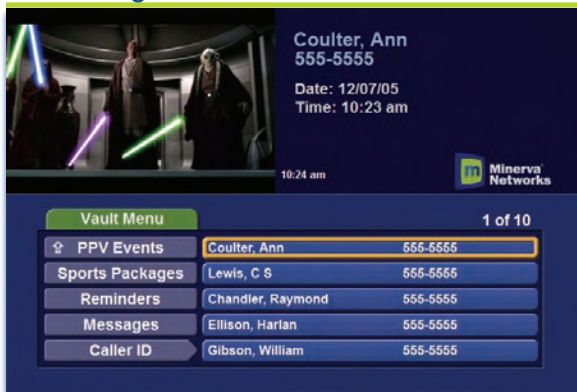
A list of all available messages appears to the right.

Read A Message

Step 1: Pick The Message

Highlight the message listing you want to read. The full message will be displayed in the Info Area in the upper right-hand corner of your screen.

Introducing Caller ID



Caller ID offers access to a log of all calls you have received through Caller ID. You can review Caller ID entries and delete individual entries.

Note: You must subscribe to Caller ID to access this feature.

Whenever you receive a call, an alert will appear in the upper left corner of the screen showing the caller's information. This alert will disappear after a few seconds.

Note: For information on settings for Caller ID, see Settings pg 47.

Go To Caller ID

Highlight **Messages** and press **OK**.

A list of received calls appears to the right.

Delete A Caller ID Entry

Step 1: Pick The Entry

Highlight the Caller ID listing you want to delete and press **OK**.

Step 2: Delete The Entry

Highlight **Delete** and press **OK**.

Introducing Parental Controls

Note: Parental Controls must first be set up in Settings before the Parental Controls on/off button will appear on the MenuBar.

Parental Controls lets you turn on and off all parental controls for your service. This allows you to let the kids watch TV without you constantly worrying that they may see something you feel is inappropriate, but still allow the adults to watch their programs without repeatedly entering a password.

Go To Parental Controls

Press **MENU** and highlight **Parental Controls**.

Enable/Disable Parental Controls



The icon for Parental Controls lets you know if parental controls are on or off.

If parental controls are in effect, the Parental Controls icon is a locked padlock.

If parental controls have been turned off, the Parental Controls icon is an open

padlock.

Disable Parental Controls



Press **OK**. Use the **Number Pad** to enter your parental controls password. Then highlight **OK** and press **OK**.

When you disable parental controls, they will remain that way until you turn them back on, or the

Parental Controls

Parental Controls Timeout is reached. The timeout is the maximum period of time for which Parental Controls will be disabled.



At the end of the time period, the system will automatically restore Parental Controls. You will see an alert on the screen just before parental controls are restored.

For more information on the Unlock Timeout for Parental Controls, see Settings/Users/

Parental Control Settings page 53.

Enable Parental Controls

Press **MENU** and highlight **Parental Controls**, then press **OK**. Parental Controls are now in effect.

For more information on creating parental controls and parental control settings, see Settings, pg 47.

Introducing Settings

Settings gives you control over your video service. You can create parental controls and block channels that affect everyone. You can create individual user accounts with specific parental controls for different family members. You can also review your current package and recent billing history.

Go To Settings

Press **Menu** and highlight **Settings**. You will then need to enter a passcode before the Settings screens will appear. Use the **number keys** to enter your passcode, then highlight **OK** and press **OK**. **Note: The default passcode is '0'.**

There are four major sections of Settings:



Preferences - settings that affect your overall service.

Users - create, edit or delete individual user accounts.

Packages - displays your video package.

Billing - displays recent billing history

Chose A Settings Screen

To view a particular Settings screen, highlight a tab name, then press **OK**.

Working With Settings/Preferences

Make Rentals Private creates a default setting for any pay per view or video on demand rental. They will automatically be available for any user account to watch (disabled), or only for the user who makes the purchase (enabled)

☐ Make Rentals Private

To turn **Make Rentals Private** on or off, highlight the check box and press **OK**.

Enable Login requires a user name and password to be entered before any video is available whenever the set top box is first turned on or when someone has signed out.

Settings

☒ Enable Login

To turn **Enable Login** on or off, highlight the check box and press **OK**.

Enable Caller ID turns on or off screen alerts for incoming Caller ID.

☐ Enable caller ID

To turn **Enable Caller ID** on or off, highlight the check box and press **OK**.

PPV Purchase will create a reminder or autotune any time you purchase pay per view, or do nothing if you choose.

PPV Purchase: Auto Tune

To set **PPV Purchase**, highlight the combo box and press **OK**. Then highlight **None**, **Auto Tune** or **Reminder** and press **OK**.

Non PPV Autotune determines when autotune will change channels for you when you have set an autotune for a program.

Non-PPV Autotune: 0 min

To set **Non PPV Autotune**, highlight the combo box and press **OK**. Then highlight **0 min**, $\frac{1}{2}$

min, **2 min** or **5 min** and press **OK**.

Caller ID Timeout determines how long a Caller ID alert remains on screen. If Enable Caller ID is turned off, this setting has no effect.

Caller ID timeout: 15 sec

To set **Caller ID Timeout**, highlight the combo box and press **OK**. Then highlight the amount of time you desire and press **OK**.

Parental Controls determines what programs are allowed to be watched based on ratings.

Parental Control: Change

To set **Parental Controls**, highlight the **Change** button to the right of **Parental**

Controls: and press **OK**.

Note: For details on setting Parental Controls, see Settings pg 47.

Channel Blocking allows you to restrict access to any channel you choose.

☐ Channel Blocking: Change

To set **Channel Blocking**, highlight the checkbox to the left of **Channel Blocking**: and press **OK**. To select channels to be blocked, highlight the **Change** button to the right of **Channel Blocking**: and press **OK**.

Blocking Channels



Once you select the **Change** button, the Parental Controls Channel Block list will appear.

To block/unblock a channel, highlight the checkbox to the left of the channel entry and press **OK**.

To go to the next screen of channels,

highlight the **left or right arrow** at the bottom right of your screen beneath **page x of x** and press **OK**.

To save your changes and return to Preferences, highlight the **Done** button at the bottom of the screen and press **OK**.

To remove all channels from the current channel block list, highlight the **Clear** button at the bottom right of your screen and press **OK**.

To discard your changes, highlight **Cancel** and press **OK**.

Save Your Preferences Settings

Once you have changed any Preferences settings you want, use the **Direction Buttons** to highlight the **OK** button and press **OK**.

If you want to discard your changes, highlight **Cancel** and press **OK**.

Working With Settings/Users



Users allows you to add, edit or delete user accounts. Individual accounts can have different parental controls and purchase allowances.

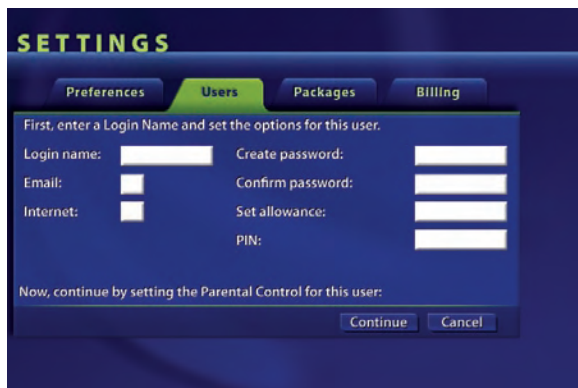
Note: You cannot delete the master account. Only the master account can create other user accounts (sub-

users).

Create A User Account

Step 1: Add

Highlight the **Add** button at the bottom of the Users screen and press **OK**.



Step 2: User Options

Use the **arrow buttons** to highlight an item, then use the **number buttons** to enter info.

Login name

The name used to show who's account this is.

Create Password

Create the password

to be used with this user account.

Confirm Password

Confirm the password you used above to confirm you entered it correctly.

Set allowance

Set the amount of pay per view or on demand content this user is allowed to purchase per billing period.

PIN

Enter the personal identification number (PIN) this user must use to authorize purchases.

Once you have filled in everything necessary, highlight **Continue** and press **OK** to go on to parental control settings for this user.

Step 2: User Parental Controls



Movie Rating

determines the highest rating for movies that will not be blocked.

To set Movie Rating, highlight the combo box and press **OK**. Then highlight the appropriate rating and press **OK**.

TV Rating determines the highest rating for television that will not

be blocked.

To set TV Rating, highlight the combo box and press **OK**. Then highlight the appropriate rating and press **OK**.

Content Rating determines the type of content that will be blocked:

Sexual, **L**anguage, **F**antasy **V**iolence, **V**iolence, and **D**ialogue.

To block a particular type of content, highlight the check box to the right of that content item and press **OK**.

Step 4: Save Settings

Once you have finished creating the settings for this user, highlight **Done** and press **OK**.

Settings

Delete A User Account

Step 1: Pick User Account



Highlight the **Select** button to the left of the user account you want to delete, then highlight the **Delete** button and press **OK**.

Note: You are not allowed to delete the master account.

Step 2: Confirm Deletion

You are asked to

confirm that you want to delete this user account.

To delete the account, highlight **OK** and press **OK**. To cancel the deletion, highlight **Cancel** and press **OK**.

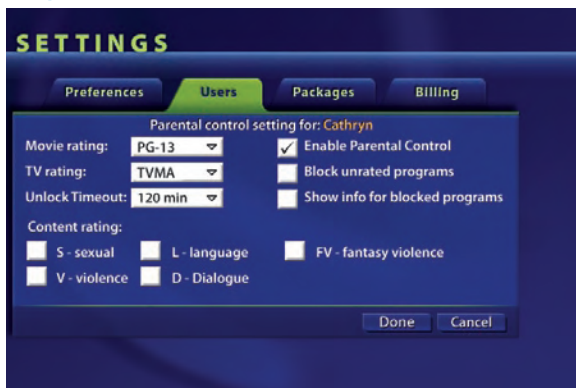
Edit A User Account

Step 1: Pick User Account



Highlight the **Select** button to the left of the user account you want to edit, then highlight the **Parental Control** or **User Options** button and press **OK**.

Step 2: Edit Parental Controls



Many of the settings on this screen are identical to those you see when creating a user account. There are the following additional settings.

Unlock Timeout

determines how long parental controls will stay disabled for this user once the passcode has been

entered.

To set Unlock Timeout, highlight the combo box and press **OK**. Use the **up** and **down arrow buttons** to choose the number of minutes you want parental controls to be off, then press **OK**.

Enable Parental Control enables or disables all parental control settings for this user account.

To set Enable Parental Control, highlight the check box and press **OK**.

Block unrated programs allows or blocks programs that have no rating at all. Keep in mind this will often block older movies, news programs and certain other programs.

To set Block unrated programs, highlight the check box and press **OK**.

Show info for blocked programs allows or blocks the name and program info from being displayed in Guide or the InfoBar for programs that are blocked based on movie, TV or content rating.

To set Show info for blocked programs, highlight the check box and press **OK**.

Step 3: Edit User Options

SETTINGS

Preferences **Users** Packages Billing

Security settings for user: Cathryn

To change password settings:

Current password:

New password:

Confirm password:

To change PIN settings:

Current PIN:

New PIN:

Confirm PIN:

☐ Enable PIN verification. (Changes require entering current PIN.)

Submit Cancel

User Options allows you to change the password and PIN and turn PIN verification on or off for this user.

Use the **arrow buttons** to highlight an item, then use the **number buttons** to enter info.

Current password

Enter this user's

current password.

New password

Enter the new password to be used with this account.

Confirm password

Re-enter the new password to confirm you have entered it correctly.

Current PIN

Enter this user's current PIN.

New PIN

Enter the new PIN to be used with this account.

Confirm PIN

Re-enter the new PIN to confirm you have entered it correctly.

Enable PIN verification determines whether this user is required to enter their PIN whenever they purchase pay per view or on demand content. Highlight the check box to the left of **Enable PIN verification** and press **OK** to toggle this setting on or off.

Step 3: Save Changes

Once you have made all your changes, save them by highlighting **Submit** and press **OK**.

Working With Settings/Packages



Packages lists the programming package to which you subscribe and the monthly charge for your service.

Edit Your Packages

If your service provider has enabled this feature, you may be able to edit what packages are part of

your service using the Edit button. Please contact your service provider concerning availability and features of Package Editing.

To edit your package, highlight the **Edit** button and press **OK**.

To exit the Settings/Packages screen, highlight **Cancel** and press **OK**.

Working With Settings/Billing



Billing lists a summary of your monthly billing history.

Review Your Billing

If there are multiple screens of billing information, highlight the left arrow or right arrow at the bottom left of your screen to the right of page x of x and press OK on your

remote control.

To exit the Settings/Billing screen, highlight **Done** and press **OK**.

Favorites

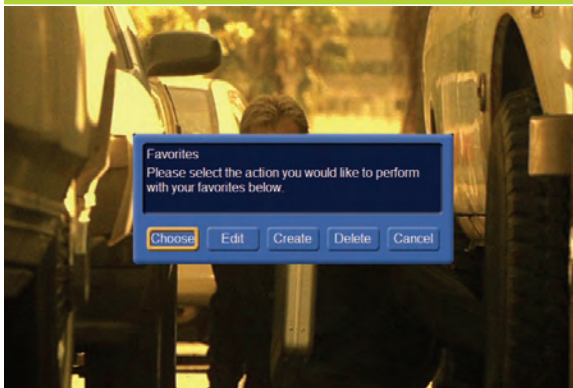
Introducing Favorites

Favorites allows you to create, edit, choose or delete a list of your favorite channels. You can have multiple favorites lists depending on how you want to use them.

When using a favorites list, only the channels in that list are shown in Guide, and when changing channels using the **CH +/-** button, you will be restricted to only the channels in the favorites list.

For more information on Favorites lists in Guide, see Guide Layout page 11.

Go To Favorites



Press **MENU** and highlight **Favorites**, then press **OK**.

You will be presented with a screen with options to choose, edit, create or delete a favorites list, or cancel.

Choose A Favorites List



There are two ways to choose a favorites list:

Favorites From The MenuBar

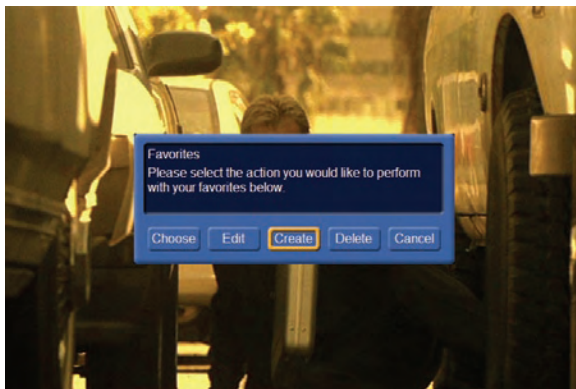
Follow the steps in "Go To Favorites", then highlight **Choose** and press **OK**. Then highlight the favorites list you want and press **OK**.

Favorites From Guide

While in Guide, you can cycle through your favorites lists by pressing **GUIDE** again. Each press will activate the next favorites list and you will see the name of the current favorites list in the green tab just above the date and channel entries. Pressing **GUIDE** will exit Guide.

Create or Edit A Favorites List

Step 1: Create or Edit



Follow the steps above in “Go To Favorites”, then highlight **Create** or **Edit** and press **OK**.

Step 2: Select Channels For Your Favorites List



You will be presented with the Favorites create/edit screens. These screens displays every channel offered by your service provider. At the top of the screen is a text box to enter a name for your favorites list.

Highlight the text box below **Name of this Favorites list:** and

press **OK**.

If it doesn't automatically appear, press the **Keyboard** button to bring up an on-screen keyboard. Use the **arrow buttons** to highlight the letters or numbers and press **OK** to create the name. When complete, highlight the

Favorites

Send button and press **OK**. Your chosen name will be displayed in the text box.

Once you have entered the name for your list, press the **arrow down** button to highlight a channel entry. To the left of each channel entry is a check box.

Highlight a channel you want to add to or remove from your favorites list and press **OK**.

A channel not on your favorites list is listed as white text on a dark blue background and the check box is empty.

A channel included on your favorites list is shown as black text on a light background and the check box is filled.

To go to the next screen of channel entries, highlight the **left arrow or right arrow** at the bottom left of your screen (to the right of **page x of x**) and press **OK**.

To remove all channels from the current favorites list, highlight the **Clear** button at the bottom right of your screen and press **OK**.

To save your favorites list, highlight the **Done** button at the bottom right of your screen and press **OK**.

To cancel your favorite list without saving it, highlight the **Cancel** button at the bottom right of your screen and press **OK**.

Delete A Favorites List

Step 1: Select Delete



Follow the steps above in "Go To Favorites", then highlight **Delete** and press **OK**.

Step 2: Select The Favorites List to Delete



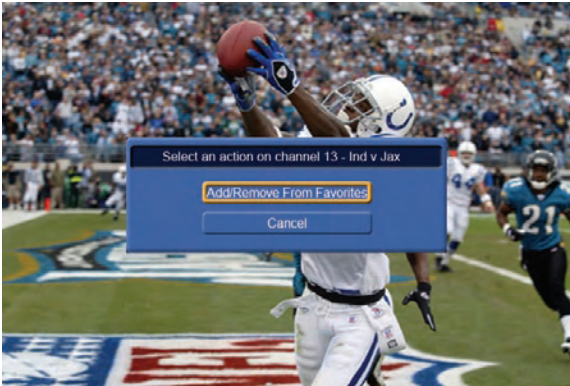
Highlight the favorites list you want to delete and press **OK**.

Note: You will not be asked to confirm the deletion of a favorites list. Once it has been deleted it cannot be retrieved.

Add or Remove a Single Channel To Favorites While Watching TV

Step 1: Pick A Channel

Tune to the channel you want to add or remove from a favorites list and press **OK**.



Step 2: Pick An Action

Highlight **Add** (if this channel is not on any favorite list), **Remove** (if this channel is on every favorite list), or **Add/Remove** (if this channel is on some favorite lists and not on others) and press **OK**.



Step 3: Pick A Favorites List

Highlight the favorites list to which you want to add or remove the current channel and press **OK**.

Note: You will not be shown any favorite list which already includes this channel if adding, or which

does not include this channel if removing.

Add or Remove a Single Channel To Favorites from Other Screens

You can use this same process to add or remove a channel to a favorites list from Guide, Vault/PPV Events, or Search.

Introducing Search

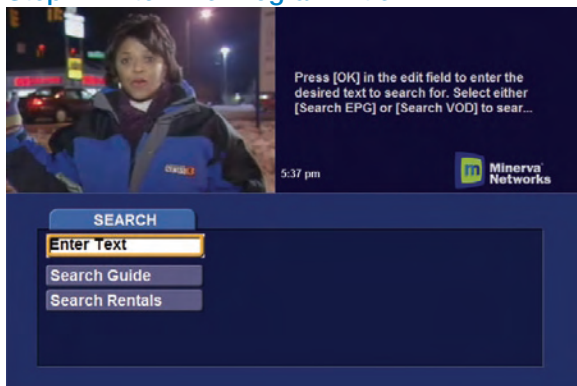
Search allows you to enter the name or partial name of a program or video you are looking for and have your service find any program matching the text you enter.

Go To Search

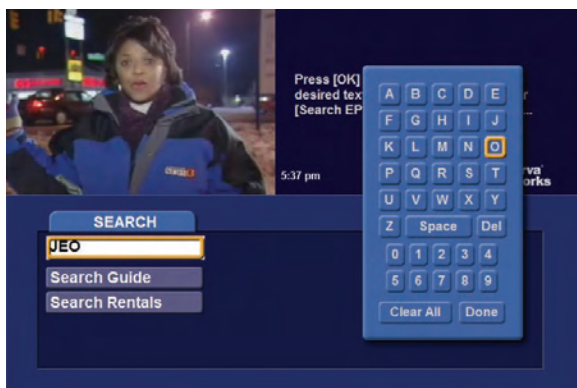
Press **MENU** and highlight **Search**, then press **OK**.

Search For A Program

Step 1: Enter The Program Title



The highlight will be on the **Enter Text** text box when the Search screen appears.



Press **OK** and a keyboard will appear to the right of the screen.

Highlight each letter in the name of the program you want to find, and press **OK** on each. Each time you press **OK** you will see that letter added to the text box.

If you enter a wrong letter, highlight **Del** and press **OK** to go back one space.

If you need to start over, highlight **Clear All** and press **OK**.

Once you have entered as much of the program name as you feel

Search

necessary, highlight **Done** and press **OK**.

Note: It is best to enter as little as possible when searching. Usually the first 3 or 4 letters in the name will be enough to find what you want.

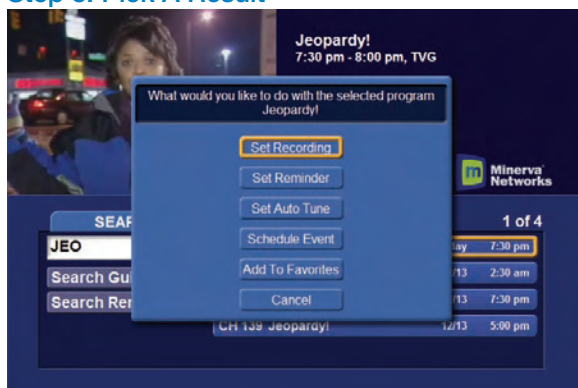
Step 2: Search Guide or VOD Rentals



You can search Guide program listings or Video On Demand rentals for your program. Highlight **Search Guide** or **Search Rentals** and press **OK**. The program will take a moment to find any matching programs or rentals. The results will then appear in the

bottom right section of the screen.

Step 3: Pick A Result



You can now highlight any program or rental listing and press **OK** to...

Watch or record it if it's on now.

Set a reminder, auto tune or recording if it comes on later.

Add or remove the channel airing it to a favorites list.

Purchase a pay per view or rental.

Introducing Web And Email

You are almost certainly familiar with two parts of the Internet: The World Wide Web (or just "The Web") and Email. Normally you have to have a computer to access the Internet. Now you can browse the Web or send and receive email from your TV...no computer necessary!

Note: Web and Email may be available at a future date.

Note: To be able to effectively work with Web or Email, you will need a keyboard that works with your set top box. This is available from your service provider.

Go To Web

Press **MENU** and highlight **Web**, then press **OK**.



When you press **OK**, TV is replaced with a Web browser window and your default home page is loaded.

Go To Email

Press **MENU** and highlight **Email**, then press **OK**.



When you press **OK**, TV is replaced with the email area of your service provider's website.

You will need to enter your user name and password for your email account in the appropriate spaces.

Getting Around in Web and Email

Use the **direction buttons** to move the highlight from one area to another on a webpage.

Press **OK** to activate the highlighted item (e.g. a link that takes you to another web page.)

Press the **Keyboard** button to display an on-screen keyboard. You can then use the **direction buttons** to highlight letters or numbers to add into whatever item you may have active and press **OK** to add each one (e.g. entering a web site address in the top area of the web browser, such as www.google.com).

Once you have completely entered the information, highlight **Send** and press **OK**.

Appendix A: Important Information Concerning Your Service

Care and Use of your Set Top Box

There are some basic steps to ensure the reliable and safe service of your set top box:

It is highly suggested that you turn off your set top box when it is not in use, particularly if you have three or more set top boxes in your home. By doing so you save on the amount of bandwidth being used. This helps to eliminate any possible issues with picture quality.

Do not place your set top box on top of anything that becomes warm in use (such as a VCR) and do not put anything on top of your set top box. This may cause it to overheat.

Do not cover your set top box.

Do not place anything containing liquids (such as a vase) on top of or near your set top box.

Do not move the set top box while it is operating. If you need to move it, turn it off, disconnect the power cord from the wall socket and wait 30 seconds.

Make sure all cables are placed so they will not crimp or snag and where they will not be walked on or tripped over.

Only use the power supply supplied with your set top box.

Your set top box will become warm to the touch under normal operation. If it or the power supply becomes hot to the touch, immediately unplug it from the wall socket and contact your service provider.

Lightning Protection

If lightning is expected or your set top box is going to be unused for a long period of time, please unplug the power cord from the wall socket and disconnect any other cables that might offer access to the outside of the home. You may also want to purchase a surge protector for all your audio/video equipment to prevent damage from lightning and other power surges.

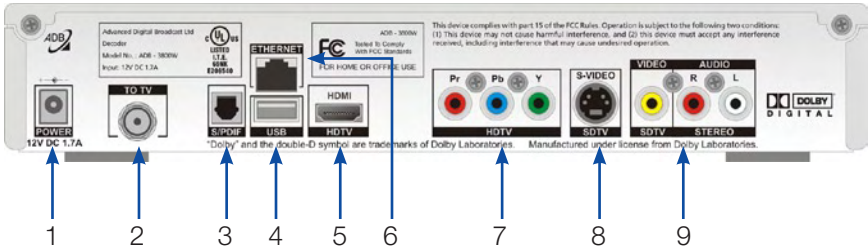
Use with Plasma and Similar Displays

When used with certain types of displays, such as plasma or LCD televisions, it is important that the picture is not paused for a long time (greater than 5 minutes) as the image may be “burned” into the screen. In most cases the burned in image will eventually fade, but in some cases it

can be permanent.

This is not a defect of your set top box or video service, but rather a limitation of the display device. Please check the manual that came with your display for any other instructions from the manufacturer. The set top box manufacturer and your service provider will not be held liable for any such damage.

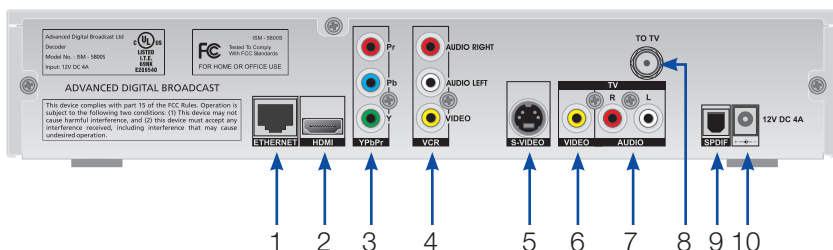
ADB 3800 Set Top Box



- 1. Power 12V DC 1.7A** Provides power to the set top box.
- 2. To TV** Connects the set top box to your TV using a standard coax cable - provides audio and video.
- 3. S/PDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
- 4. USB** (Universal Serial Bus) Connects the set top box to technician's equipment and other devices.
- 5. HDTV HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
- 6. Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
- 7. HDTV Pr/Pb/Y** (Component Video) Connects the set top box to your TV to provide very high-quality video - provides video only.
- 8. SDTV S-Video** Connects the set top box to your TV to provide high-quality video - provides video only.
- 9. SDTV Video/Stereo Audio R/L** (Video/Audio Left/Audio Right) Connects the set top box to your TV or VCR to provide good quality video and stereo audio.

Set Top Box Connections

ADB 5810 Set Top Box



1. **Ethernet** Connects the set top box to the video service using a CAT5 Ethernet cable.
2. **HDMI** (High Definition Media Interface) Connects the set top box to your HDTV using an HDMI cable - provides audio and video.
3. **Pr/Pb/Y** (Component Video) Connects the set top box to your TV to provide very high-quality video - provides video only.
4. **VCR Audio Right/Audio Left/Video** Connects the set top box to your VCR to provide good quality stereo audio and video.
5. **S-Video** Connects the set top box to your TV to provide high-quality video - provides video only.
6. **TV Video** Connects the set top box to your TV to provide good quality video.
7. **TV Audio R/L** (Audio Left/Right) Connects the set top box to your TV to provide good quality stereo audio.
8. **To TV** Connects the set top box to your TV using a standard coax cable - provides audio and video.
9. **S/SPDIF** Connects the set top box to a home theater system to provide surround sound audio - provides audio only.
10. **12V DC 4A** Provides power to the set top box.



You can also use the front panel buttons of the ADB 5810 set top box to replace the basic remote control functions. Use **MENU** to display the Main Menu, **EPG** to display Guide, **RES** to change screen resolutions, and the **arrow** and **OK** buttons as you would those on the remote control.

MPAA (Motion Picture Association of America) Ratings System



G – General Audience

This is a film which contains nothing which would, in the view of the MPAA Rating Board, be offensive to parents whose younger children view the film.



PG – Parental Guidance Suggested

The theme of a PG-rated film may itself call for parental guidance. There may be some profanity in these films. There may be some violence or brief nudity. But these elements are not deemed so intense as to require that parents be strongly cautioned beyond the suggestion of parental guidance. There is no drug use content in a PG-rated film.



PG-13 – Parents Strongly Cautioned

A PG-13 film is one which, in the view of the MPAA Rating Board, leaps beyond the boundaries of the PG rating in theme, violence, nudity, sensuality, language, or other contents, but does not quite fit within the restricted R category. Any drug use content will initially require at least a PG-13 rating.



R – Restricted

An R-rated film may include hard language, or tough violence, or nudity within sensual scenes, or drug abuse or other elements, or a combination of some of the above, so that parents are counseled to take this advisory rating very seriously.



NC-17 – No Children 17 or Under

NC-17 does not necessarily mean “obscene or pornographic” in the often accepted or legal meaning of those words. The MPAA Review Board does not and cannot mark films with those words. These are legal terms and for courts to decide. The reasons for the application of an NC-17 rating can be violence or sex or aberrational behavior or drug abuse or any other elements which, when present, most parents would consider too strong and therefore off-limits for viewing by their children.

For more information on the MPAA or the MPAA ratings system, please visit www.mpa.com/movieratings.

TV Ratings

TV Parental Guidelines Ratings System

The TV Parental Guidelines ratings provides program ratings, and content ratings to provide a clearer idea of the reason for a program's rating

Program Ratings



TV-Y – All Children

This program is designed to be appropriate for all children.



TV-Y7 – Directed to Older Children

This program is designed for children age 7 and above. It may include mild fantasy violence or comedic violence.



TV-G – General Audience

Most parents would find this program suitable for all ages.



TV-PG – Parental Guidance Suggested

This program contains material that parents may find unsuitable for younger children.



TV-14 – Parents Strongly Cautioned

This program contains some material that many parents would find unsuitable for children under 14 years of age.



TV-MA – TV Mature Audience Only

This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.

Content Ratings

Content Ratings are shown just below the program rating.

FV: Fantasy Violence (only applied to TV-Y7)

For those programs where fantasy violence may be more intense or more combative than other programs in this category.

The meaning of a content rating increases as the program rating increases.

V: Violence	TV-PG: Moderate; TV-14: Intense; TV-MA: Graphic
S: Sexuality	TV-PG: Some; TV-14: Intense; TV-MA: Explicit
L: Language	TV-PG: Infrequent; TV-14: Strong; TV-MA: Crude
D: Dialogue	TV-PG: Some; TV-14: Intense; TV-MA: Not used

For more information on TV Parental Guidelines Monitoring Board and its rating system, please visit www.tvguidelines.org.

Television Brand Setup Code List

Accent	0009	0037	0056				
Advent	0817						
Aiwa	0705 1914	1910 1915	0701	1904	0847	1946	1908
Akai	0009 1537 0218 0735 0516 0217	0030 0803 0284 0163 0715 0631	0361 0433 0294 0806 0602 0216	0208 0745 0672 0412 0812 0264	0556 0191 0329 0729 0584 0178	0037 0702 0696 0448 0581 0377	0371 0035 0072 0714 0480 0606
Albatron	0700	0843					
Allstar	0037	0556					
AOC	0003 0185	0019 0060	0030 0092	0628 0093	0009 0108	0052 0178	0018 0179
Apex Digital	0748	1943					
Archer	0003						
Atlantic	0037	0556	0216	0206	0320	0259	
Audiosonic	0009 0217	0037 0370	0374 0337	0109 0264	0556 0218	0714 0486	0715 0428
Audiovox	0003	0092	0451	0180	0623		
Autovox	0087	0544	0206	0349	0217	0247	
Barco	0380	0163					
Basic Line	0009 0567	0374 0282	0037 0217	0218 0455	0163 0339	0668 1037	0556 1668
Bennett	0556	0037					
BenQ	1756						
Best	0337	0370	0421				
Blaupunkt	0195 0448	0554 0455	0191 0170	0535 0036	0200	0327	0328

Remote Control Codes

Blue Sky	0037 0715	0218 1909	0556 0282	0714 0455	0668 1934	1037 1904	0487 1908
Bosch	0320	0327					
Bush	0009 0272 0698 0217	0668 0282 1037 0581	0036 0355 0363 0294	0218 0371 0264 0284	0037 0235 0361 0556	0163 0374 0487 0714	0349 0519 0208 1900
Canton	0218						
Casio	0037	0556	0163	0349	1904		
Celestial	0819	0820	0821	0767			
Centrex	0780	0826					
Centrum	1037						
Centurion	0037	0556					
Century	0087	0247	0238				
Citizen	0030 0180	0092 0280	0451	0046	0056	0060	0186
Clarion	0180						
Clarivox	0037	0418	0556	0070	0102		
Cont. Edison	0501	0109	0196	0198	0399	0287	0487
Crosley	0054	0087	0074	0247	0163		
Crown	0009 0418	0180 0487	0712 0579	0037 0714	0370 0606	0486 0672	0556 0715
Daewoo	0092 1909 0623 1137	0634 0499 0030 0180	0661 0628 0216 0178	0003 0037 0032 0170	0374 1921 0218 1902	0700 0556 0217 1928	0019 0009 0451 1908
Decca	0037 1137	0072 0621	0033 1904	0272 1908	0516	0556	0217
Diamond	0264 0371	0698 0860	0696	0009	0804	0825	0216
Digiline	0037	0556	0105	0668	1668		

Remote Control Codes

Digitor	0037	0556	0861	1724			
Dream Vision	1704						
Dual	0519	0544	0349	0217	0343	0037	0556
	0259	0394	0399	0303	0163	0531	1904
	1137	0631					
Dumont	0017	0087	0019	0070	0104	0102	0217
	0072	1904					
Durabrand	0003	1437	0178	0180			
Dynatron	0037	0556	0012				
Elbe	0259	0435	0238	0362	0292	0370	0163
	0037	0556	0218	0191	0284	0411	0610
	0217	0516	0361	0630			
Elbe-Sharp	0516						
Elin	0037	0216	0548	0556	0105	0104	0361
	0448	0305	0349	0163	0009		
Emerson	0177	0178	0180	0714	0087	0179	0247
	0037	0236	0185	0556	0019	0371	0038
	0070	0154	0463	0171	0282	0280	0320
	0158	0361	0623	1909	0486	0370	0163
	0321	1904	1905	1906			
Epson	0833	0840					
Ferguson	0037	0073	0109	0625	0190	0287	0192
	0335	0343	0560	0238	0193	0556	0035
	0053	0104	0108	0361	0471	1904	0548
	0443						
Fidelity	0163	0216	0512	0171	0361	0363	0037
	0544	0556	0371	0412	0531	0193	0264
	1904	1906	1907	1908			
Firststar	0009	0236	0033				
Firstline	0009	0037	0216	0556	0217	0374	0247
	0668	0321	0714	0163	1668	0294	0385
	1909	0102	0411	0544	0349	0531	0238
	0072	0235	0208	0361	1037	0808	

Remote Control Codes

Fisher	0104	0154	0217	0036	0159	0208	0370
	0544	0555	0045	0087	0157	0361	0163
	0303	0349	0072	0047			
Flint	0037	0455	0556	0610	0072	0218	0264
Frontech	0163	0247	0264	0349	0448	0363	0431
	0217	0009					
Fujitsu	0179	0206	0683	0072	0186	0102	0809
	0853	0217	0163	0009	0037	0556	0361
Gateway	1756						
GE	0051	0343	1454	0047	0178	0135	0747
	0021	0451	0174	0180	0027	0092	0282
General	0186	0590	0109	0287	0471		
General Electric	0343	0287					
Genesis	0009	0037	0556				
GoldStar	0001	0019	0037	0002	0009	0030	0056
	0178	0370	0290	0032	0150	0377	0217
	0247	0556	0216	0154	0431	0163	0361
	0109	0363	0606	0044	1910	1934	1926
Goodmans	0360	0634	0036	0374	0037	0072	0179
	0499	0217	0556	0235	1037	0343	0668
	0371	1909	0264	0516	0009	0290	0487
	0364	0035	0480	0560	0032	0335	0218
	0451	1928	1908	0579	0630	0661	1900
	1668						
Granada	0037	0400	0045	0072	0146	0556	0208
	0226	0217	0356	0339	0359	0012	0516
	0108	0036	0473	0335	0560	0047	0163
	0363	0225	0343	0548			
Grandin	0037	0282	0556	0009	0163	0610	0714
	0715	0668	0374	0320	0218	0455	0400
	0579	1037	1668	0865			
H&B	0808						
Haier	0698	0869	0264	0768	0779		

Harman/Kardon	0054	0078					
Hitachi	0145	0225	0038	1225	0009	0056	0349
	0016	0036	0151	0019	0356	0027	0044
	0030	0150	0032	0108	0473	0163	0343
	0578	0196	0092	0198	0217	0109	0227
	0156	0576	0157	0194	0165	0178	0179
	0516	0072	0186	0481	0499	0037	0381
	0563	0508	0556	0548	0363	0719	0634
	0744	1037	1137	1170	0105	1256	0279
	0492	1481	0047	0359	0361	0512	0480
	1045	0629					
Hypson	0037	0264	0556	0282	0714	0715	1934
	0217	0455	0400	0238	1908	0668	1668
Hyundai	0037	0803	0865	0556	0706	0860	0753
Imperial	0037	0074	0163	0247	0370	0418	0556
	0630	0411	0361	0349	0196	0431	0531
Imperial Crown	0001	0009	0264	0374	0412	0661	
Infinity	0054						
Innovation	0519	0037	0556	0068			
Inteq	0017						
Interactive	0037	0556	0012	0087	0512	0275	0327
	0163	0361	0370	0501	0109	0411	
Intervision	0037	0282	0068	0217	0102	0455	0264
	0371	0377	0519	0448	0486	0370	0394
	0487	0218	0431	0163	0247	0009	0556
ITT	0163	0361	0480	0349	0544	0548	0473
	0567	0193	0346	0339	0208	0179	0610
ITT Nokia	0361	0548	0163	0473	0480	0349	0346
	0208	0179	0339	0567	0606	0610	0631
	0363	0431					
JBL	0054						
Jensen	0817						

Remote Control Codes

JVC	0653	0053	0036	0154	0190	0371	0508
	0606	0192	0193	0218	0418	0093	1923
Kenwood	0019	0030	0105				
Konka	0037	0628	0707	0556	0632	0371	0638
	0714	1939	0418	0703	0218	0725	1940
	0726	0641	0816	0587	0754	0779	0795
Legend	0009						
LG	0037	0056	0442	0001	0370	1178	0002
	0009	0377	0032	0556	0003	0217	0019
	0030	0714	0038	0216	0431	0290	0163
	0644	0060	0178	0108	0606	0109	0700
	1934	1926	0698	0715	0823		
Lifetec	0037	0009	0519	0374	0668	0512	0655
	1037	1137	0556	0218	0264	1668	0683
Luma	0037	0363	0206	0305	0163	0411	0556
	0374	0009	0362	0259			
Luxor	0194	0356	0361	0290	0363	0480	0492
	0349	0208	0548	0163	0346	0473	0179
	1037	0217	0631				
Magnavox	0020	0037	0054	0024	0556	0028	0030
	0036	0179	0186	0187	0386	0706	0780
	1454						
Magnum	0648	0714	0037	0556	0715		
Matsui	0009	0037	0011	0556	0035	0487	0036
	0235	0072	0177	0208	0355	0217	0033
	0272	0354	0371	0294	0443	0433	0516
	0544	0579	0363	0455	0163	0349	0431
	0045	0195	0191	0335	0714	1908	1037
	0629						
Memorex	0009	0016	0056	1920	0154	0150	0178
	0179	1037	0250	0060	1924		
Mercury	0001	0037	0009	0556	0329		
MGA	0019	0030	0150	0178	0037	0556	0218
	0104						

Remote Control Codes

Minerva	0070 0108	0487 0150	0535	0195	0554	0191	0516
Minoka	0412	0037	0556	0359			
Mitsubishi	0019 0354 0179 0556	0108 0381 0180 0208	0150 0250 0154 1934	0093 0087 0056 1037	0512 0236 0193 0817	0037 0033 0535 1917	0178 0036 0030
Motorola	0093						
Multitec	0037	0556	0486	0668	1037	1668	
Multitech	0009 0037	0180 0217	0349 0370	0102 0556	0363 0247	0216 0264	0486
NAT	0226	0340	0214				
NEC	0170 0019 0455 0217 0704 0661	0587 0320 0154 0037 0412	1170 0030 0497 0165 0603	0178 0046 0156 0556 0508	1270 0051 0374 0011 0817	0009 0056 0381 0053 0499	0036 0150 0186 0264 1704
Nesco	0179	0247	1908				
Nikon	0848	1910					
Nishi	0482						
Nokia	0361 0492	0163 0631	0473 0359	0480 0339	0349 0208	0548 0374	0606 0346
Oceanic	0163 0473	0361 0548	0567 0480	0400	0294	0208	0563
Omega	0264						
Omni	0780	0698	0826				
Optimus	0154	0250	0166	0650	1924		
Orion	0037 0235 0011 0412	0179 0655 0516 0531	0177 0714 0009 1916	0236 0320 0544 1908	0355 0321 0364 0033	0463 0443 0102 1905	0556 0294 0264

Remote Control Codes

Otto Versand	0036	1505	0037	0217	1010	0320	0343
	0093	0512	0535	0554	0556	0195	0544
	0349	0191	0361	0235	0109	0294	0226
	0247	0303	0009	0282	0428	0431	0516
	0519						
Pacific	0037	0556	1137	0714	1037	0714	1037
	0443						
Palladium	0370	0418	0037	0191	1505	1010	0200
	0554	0556	0247	0327	0349	0087	0163
	0217	0411	0655	0519	0363	0630	0714
	1137						
Palsonic	0264	0284	0412	0773	0037	0779	0217
	0377	0218	0698	0556	0448	0001	0418
Panasonic	0051	0650	0226	0108	0250	1924	0054
	0037	0214	0556	0163	0208	0361	0227
	0367	0508	0340	0516	0548	1210	1310
	1930	0001	0853	1941	1946		
Panavision	0037	0411	0556				
Penney	0002	0135	0003	0018	0747	0019	0021
	0027	0030	0047	0032	0051	0060	0156
Philco	0054	0087	0463	0774	0020	0074	0028
	0418	0747	0145	0628	0019	0030	0056
	0247	0037	0556	0163	0370	0032	0180
	0186	0178	0519	0481			
Philips	0037	0054	0556	0056	0238	0012	0721
	0000	0554	0019	0191	0020	0087	0774
	0193	0747	0423	0187	0186	0343	0178
	0108	0570	0024	0374	0028	0030	0092
	0032	0051	0772	0009	0200	1154	1454
	0080	1756					
Phoenix	0037	0556	0370	0486	0163	0087	0072
	0216	0320	0385				
Pioneer	0038	0166	0866	0011	0037	0109	0170
	0556	0163	0423	0428	0679	0287	0370
	0343	0361	0486	0512	0760		

Remote Control Codes

Playsonic	0714	0037	0217	0339	0715		
Protech	0009	0037	0556	0102	0217	0247	0264
	0349	0337	0418	0431	0668	1668	0282
Quasar	0051	0247	0650	0165	0250	0009	0865
	1924						
Radioshack	0019	0037	0030	0556	0032	0047	0056
	0154	0165	0178	0180	0747		
RCA	0000	0047	0018	0135	0019	0174	0030
	0625	0038	0060	0051	0090	0092	0093
	0178	0560	0335	0618	0343	0679	0747
	0753	1454	1922				
Redstar	0037	0556					
Rhapsody	0216	0185					
Ricoh	0037	0556					
Roadstar	0009	1037	0218	0264	0418	0037	0556
	0668	0282	1916	1668			
Samsung	0019	0618	0644	0056	0060	0587	0037
	0178	0030	0556	0009	0702	0774	0093
	0217	0448	0747	0482	0370	0264	0329
	0090	0032	0216	0290	0154	0150	0092
	0072	0179	0208	0519	0156	0163	0625
	0226	0812	0817	0821	1060		
Sansui	0037	0655	0729	0556	0706	0371	0727
	0726	0861	0725	0463	0602	0421	0455
Sanyo	0154	0208	0157	0280	0484	0292	0721
	0011	0036	0045	0370	0068	0339	0072
	0216	0104	0217	0145	0146	0156	0555
	0381	0412	0009	0508	0544	0163	0799
	0037	1154	0108	0159	0556	0486	
Schneider	0037	1137	0218	0247	0556	0371	0519
	0012	0544	0668	0303	1668	0349	0394
	0259	0343	0217	0361	1037	0163	0648
	0714	1909	1908				

Remote Control Codes

Sears	0047 0154	0146 0159	0171 0178	0054 0179	0156	0747	0056
SEG	0036 1437 0102	0037 1668 0247	0217 0487 0362	0556 0009 0216	0264 0349 0218	1037 0163 1909	0668 0634 1901
SEI	0087 0163	0102 0349	0177 0294	0516 0206	1505 0037	0544 0556	1010
Shanghai	0009 0848	0208 1910	0226	0264	0329	0412	0817
Sharp	0093 0157 0193 0760	0165 0036 0650 1917	0009 0294 0186	0386 0491 0720	0030 0256 0818	1193 0653 0516	0032 0053 0200
Siemens	0037 0327	0191 0328	0157 0032	0195 0146	0535 0556	0554 0361	0200
Singer	0009 0247	1537 0435	0087 0400	0806 0567	0037 0335	0556 0163	0102
Sky	0037	0282	0556				
Sony	0000 1100 0556	1505 1925 0157	1651 0102 0834	0011 0353	1010 0111	0036 0037	0650 0080
Sound & Vision	0102	0218	0374	0037	0556		
Soundesign	0178	0179	0180	0186			
Standard	0009 0374	0037	0217	0556	0218	1037	0320
Sunkai	0321 0037	0294 0556	0355 0487	0455 0531	0218	0235	0610
Sunstar	0371	0037	0556	0009	0579	0264	
Sylvania	0020	0054	0186	0028	0030	0171	0381
Symphonic	0171	0180	1904				
Tandy	0218	0072	0093	0217	0163	0247	
Targa	0702						

Remote Control Codes

Teac	0090	0698	0037	0512	0264	0282	1437
	0412	1037	0418	0556	0455	0712	0544
	0668	0686	0217	0706	0721	0755	1909
	0178	0171	0349	0431	0170	0714	1932
	1668	1913	1949	1724	1755		
Technics	0051	0250	0650				
Teco	0280	0009	0036	0051	0068	0092	0093
	0178	0218	0264	0653			
Telestar	0009	0037	0556	0579	0412		
Tensai	0104	0218	0320	0037	0556	0217	0294
	0009	0105	0374	0371	0377	0274	0715
Toshiba	0035	0060	0009	0154	0508	0036	0156
	0070	0093	0243	0145	0102	0227	1508
	0217	0264	0109	0381	0412	0718	0195
	0191	0618	0644	1916	0650	1908	0821
	0698	0037	1156	1256	1945	1656	
Transonic	0037	0698	0556	0712	0455	0587	0512
	0264	0418	0009	0858			
Tristar	0264	0218	0193				
Ultravox	0087	0102	0374	0247	0216	0163	0037
	0556						
Universal	0027	0037	0556				
Universum	0037	0346	0074	0105	0104	0535	0195
	0264	0370	0473	0361	0247	0492	0480
	0200	0418	0011	0146	0512	0294	0036
	0157	0032	0070	0163	0556	0421	0411
	0290	0327	0328	1505	1010	0668	0544
	0349	0217	0501	0109	0362	0337	0177
	0631	0554	0009	1901	1037	1437	0170
	1668						
Univox	0037	0556	0337	0087	0163	0238	
Victor	0053	0653	0036	0250	0650		
Videologic	0218	0216					
Videotechnic	0216	0217	0320	0374			

Remote Control Codes

Vision	0032	0037	0320	0264	0556	0217	
Vistar	0206	0361	0567				
Vortec	0037	0556					
Westinghouse	0037 1909	0320	0186	0216	0556	0337	0623
Windsor	0668	1037	1668				
Yamaha	0019	0650	0839	0030			
Zenith	0016	0017	0092	0178	1909		

Bandwidth

This refers to the amount of information travelling between two locations. Just as a water pipe can only carry so much water, the cables between two locations can only carry so much information. Exceeding the bandwidth capability of the system can cause quality issues with picture and/or sound.

Burn In

A condition where a still image has been on screen for an excessive period of time and created a permanent shadow on the display. Screen savers for computers were originally created to help prevent burn in. LCD and Plasma displays are especially susceptible to burn in. See LCD Display; Plasma Display

Digital IP Video or IPTV

A method of delivering video services in a digital format. Video is transmitted in exactly the same way as data is transmitted over the Internet, using IP (Internet Protocol).

Dolby Digital

Dolby Digital (usually Dolby Digital 5.1) is a high-quality digital audio format developed by Dolby Laboratories. Where stereo uses only 2 speakers, Dolby Digital 5.1 can use up to 6 speakers. A Front Center speaker is used mainly for dialogue, and Front Right, Front Left, Rear Right and Rear Left speakers create a “surround sound” effect. Those are the “5” speakers in “5.1”. A sub woofer speaker is used to create very low sounds such as the rumble of an explosion or the beat of a bass drum. It is the “.1” in “5.1”

DVR/PVR

Digital Video Recorder/Personal Video Recorder. A device that allows you to record DVD-quality video without the need for blank tapes or discs. This capability is built in to the ADB 5810 set top box.

FVOD

Free Video On Demand programming. See VOD

LCD Display

Liquid Crystal Display. Creates an image by passing an electric current through a special material called “liquid crystal” that is sandwiched between sheets of polarized glass. LCDs, along with other displays (see Plasma Display), are known as “flat panel” displays. Becoming increasingly popular for their thin screen, low power use, and picture quality. Diagonal

Glossary

screen size for LCD Displays is normally 30" or smaller. LCD Displays are subject to "burn in". See Burn In and "Appendix A: Important Information Concerning Your Service".

HDTV

High Definition Television. HDTV is the North American standard for broadcast of digital television programming. A program broadcast in HDTV has much greater picture quality and detail than a standard television program. It also has a wider picture compared to standard TV so that it is more suited for watching movies in their original widescreen format. HDTV programs also include high-quality audio. See Dolby Digital

Plasma Display

Creates an image by passing an electric current through tiny cells of Neon or Xenon gas that are sandwiched between sheets of glass, much like a neon sign or fluorescent light. Plasma Displays, along with other displays (see LCD Display), are known as "flat panel" displays. Becoming increasingly popular for their thin screen, large diagonal screen size and picture quality. Diagonal screen size for Plasma Displays is normally 40" or more.

PPV

Pay Per View. A way of receiving programming on a "pay each time you watch" basis. Programs are broadcast on a schedule, and the customer pays a one-time fee to gain access to a scheduled showing. Slowly being replaced by the more flexible VOD.

Reboot

Turn off a device (such as your set top box) and then turn it back on by unplugging it to remove the power. This allows it to reset and clear any errors. (Simply turning the device off and on will not clear errors.)

STB

Set Top Box. The box included with your service that sits on or near your TV set. It is required to receive your digital video service, as well as provides access to features such as on-screen program guide, favorites lists and DVR service.

SVOD

Subscription Video On Demand. See VOD

Tiling

Digital video that is not being received completely (usually due to excessive bandwidth use) will appear to break down into large blocks of color, or “tiles”.

VOD

Video On Demand. VOD is a way of receiving programs when you want rather than waiting until it is broadcast based on a schedule. VOD programming is stored by your local service provider and sent to you when you request it, or “on demand”. VOD programming can be paused, advanced or rewound much like a videotape or DVD. VOD may be purchased one program at a time, may be included with a monthly subscription service (SVOD), or may be free of charge (FVOD).

Local Offices

Sunman: 812-623-2122

Batesville: 812-932-1000

Greensburg: 812-222-1000

Toll Free

866-ETC4YOU

(866-382-4968)

